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UNITED STATES PATENT AND TRADEMARK OFFICE

Re Application of:  
Xunmig Deng et al.

Serial No.: 10/589,691

Filed: August 17, 2006

For: INTERCONNECTED  
PHOTOELECTROCHEMICAL CELLS

) Confirmation No.: Not yet known  
) Group Art Unit: Not yet known  
)  
)  
) Examiner: Not yet known  
)  
)  
) Attorney Docket: 1-25578  
)

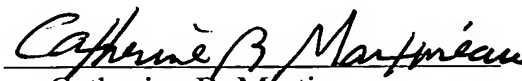
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INFORMATION DISCLOSURE STATEMENT

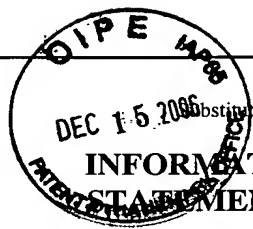
Honorable Sir:

Pursuant to 37 C.F.R. 1.97(b), record is hereby made of information which the Patent Office may wish to consider in connection with its examination of the above-identified application. Copies of such information, as well as a completed PTO-1449 form (2 pages), are enclosed, with the exception of US Patents.

Respectfully submitted,

  
Catherine B. Martineau  
Reg. No. 31,854

MacMillan, Sobanski & Todd, LLC  
One Maritime Plaza, Fifth Floor  
720 Water Street  
Toledo, Ohio 43604  
(419) 255-5900



Substitute for form 1449A/PTO <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b> (Use as many sheets as necessary)				Complete if Known	
				Application Number	10/589,691
				Filing Date	8-17-2006
				First Named Inventor	Xunming Deng
				Group Art Unit	Not yet known
				Examiner Name	Not yet known
Sheet	1	of	1	Attorney Docket Number	1-25578/PHYS 00104
<b>U.S. PATENT DOCUMENTS</b>					
Examiner Initials	Cite No.	Document Number	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear
		NumberKind Code (if known)			
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		US- 4,172,925	10-30-1979	Chen et al.	
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		US- 2004/0003837	01-08-2004	Mauk	
		US- 2005/0205128-A1	09-22-2006	Deng	
		US- 2005/0211290-A1	09-29-2005	Deng	
Examiner Signature			Date Considered		

EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup> Unique citation designation number. <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.  
 (Information Disclosure Statement -- Section 2. FORM 1449A/PTO (PTO/SB/08A) page 1 of 2)

Substitute for form 1449B/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		Complete if Known			
		Application Number	10/589,691		
		Filing Date	8-17-2006		
		First Named Inventor	Xunming Deng		
		Group Art Unit	Not yet known		
		Examiner Name	Not yet known		
Sheet	1	of	1	Attorney Docket Number	1-25578/PHYS 00104

**OTHER PRIOR ART -- NON PATENT LITERATURE DOCUMENTS**

Examiner Initials	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
		J.R. Bolton "Solar photoproduction of hydrogen: a review", Solar Energy, 57, 37 (1996).	
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		P.K. Shukla, R.K. Karn, A.K. Singh, O.N. Srivastava, "Studies on PV assisted PEC solar cells for hydrogen production through photoelectrolysis of water", Int. J. of Hydrogen Energy, 27, 135 (2002).	
		X. Gao, S. Kocha, A. Frank, J.A. Turner, "Photoelectrochemical decomposition of water using modified monolithic tandem cells", Int. J. of Hydrogen Energy, 24, 319 (1999).	
		R.E. Rocheleau and E.L. Miller, "Photoelectrochemical production of hydrogen: Engineering loss analysis", Int. J. Hydrogen Energy, 22, 771 (1997).	

**FOREIGN PATENT DOCUMENTS**

Cite No.	Foreign Patent Document Country Code-Number-Kind Code (if known)	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T <sup>2</sup>
	PCT US2005/005121	05-27-2004	Deng	Search Report	
	JP 62-92380	27 April 1987	Owada et al.		
	JP-2000264053	09-26-2000	Bosch Automotive		X
	JP-402277592A	11-14-1990	Kawabata		X
	WO 2004/050961	06-17-2004	Deng et al.		X

Examiner Signature		Date Considered	
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 (Information Disclosure Statement -- Section 2. FORM 1449A/PTO (PTO/SB/08A) page 2 of 2)